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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re of the Application of

Stephen Michnick et al.

Serial Number: 10/728,355

Filed: December 5, 2003

For: IN VIVO SCREENING OF PROTEIN-
PROTEIN INTERACTIONS WITH
PROTEIN FRAGMENT
COMPLEMENTATION ASSAYS

Group Art Unit: 1639
Examiner: Sue Xu Liu

ELECTION WITH TRAVERSE UNDER 37 CFR 1.143

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Responsive to the Office Action dated April 7, 2006, and in compliance with 37 CFR 1.143, Applicant provisionally elects with traverse the Group I invention (claims 1-5, 8, 11-14, 17, 20-24, 29-33 and 37) directed to a method for identifying an interacting set of molecules comprising: generating first and second fragments of a fluorescent protein reporter molecule which have a directly fluorescent detectable activity when reconstituted and/or associated.

The Group II election reads on claims 1-5, 8, 11-14, 17, 20-24, 29-33 and 37.

As requested on page 5 of the office action, for purposes of examination Applicant elects the following species:

(A) Green Fluorescent Protein (GFP) as the fluorescent protein reporter – See example 7 starting at page 41.

(B) The specific fragments of GFP are GFP[1] and GFP[2] as further defined in page 42,
line 14.

(C) The species of molecules are protein molecules.

(D) The panels of molecules are two panels of protein molecules.

(E) The quantifiable signal is fluorescent activity.

(F) Directly introducing molecules into cells.

(G) Chemical compounds.

(H) The reporter molecule activity is detected by flow cytometry.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of
this paper.

The Remarks begin on page 13 of this paper.